

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-101/10102-25-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10102-25-7
Code:
M
RTECS:
Code:
X
Name:
LITHIUM SULFATE
Other REC Limits:
N/K
OSHA PEL:
N/K
Code:
M
OSHA STEL:
Code:
ACGIH TLV:
N/K
Code:
M
ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
N/K
Ventilation:
ADEQUATE
Protective Gloves:
DISPOSABLE LATEX
Eye Protection:
LAB GRADE GOGGLES
Other Protective Equipment:
Equipment LAB COAT
Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING. 4
Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/P
Route Of Entry Inds - Inhalation:
YES
Skin:
NO
Ingestion:
YES
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
CORROSIVE TO EYES & SKIN, IRRITATING TO RESPIRATORY TRACT. CAUSES BURNS. MAY AFFECT THE CIRCULATORY & CENTRAL NERVOUS SYSTEM. LITHIUM COMPOUNDS MAY CAUSE APLASTIC ANEMIA.
Explanation Of Carcinogenicity:
NONE
Signs And Symptions Of Overexposure:
IRRITATION, DROWINESS, WEAKNESS, BLURRED VISION, GI DISTURBANCES, NAUSEA, DIARRHEA, RESPIRATORY ARREST, CIRCULATORY COLLAPSE, COMA, ENZYME ACITIVITY EFFECTS, ANEMIA & CNS EFFECTS.
Medical Cond Aggravated By Exposure:
PERSONS W/IMPAIRED PULMONARY FUNCTION, PREEXISTING EYE, SKIN & RESPIRATORY CONDITIONS.
First Aid:
EYES/SKIN: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. GIVE 1-2 GLASSES OF WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.
Spill Release Procedures:
COVER W/EXCESS SODA ASH/SODIUM BICARBONATE. SCOOP SLURRY TO BEAKER. ADJUST PH TO BETWEEN 6 & 9. FLUSH TO THE DRAIN W/EXCESS WATER. WASH SITE W/AN ALKALI SOLUTION.
Neutralizing Agent:
3 N/K
Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. CORROSIVE LIQUID UN1760.
Handling And Storage Precautions:
STORE TIGHTLY CLOSED IN A COOL, DRY PLACE AWAY FROM METAL & WOOD.
Other Precautions:
AVOID CONTACT W/EYES, SKIN & CLOTHING. DON'T BREATHE MIST/VAPOR.

Fire and Explosion Hazard Information

Flash Point Method:
N/P
Flash Point:
Flash Point Text:
N/R
Autoignition Temp:
Autoignition Temp Text:
N/A
Lower Limits:
N/K
Upper Limits:
N/K
Extinguishing Media:
USE MEDIA APPROPRIATE TO THE SURROUNDING FIRE CONDITIONS.
Fire Fighting Procedures:
N/K
Unusual Fire/Explosion Hazard:
MAY EMIT TOXIC FUMES IN FIRE.

Physical/Chemical Properties

HCC:
NRC/State LIC No:
Net Prop WT For Ammo:
Boiling Point:
B.P. Text:
212F
Melt/Freeze Pt:
M.P/F.P Text:
N/K
Decomp Temp:
Decomp Text:
N/K
Vapor Pres:
N/K
Vapor Density:
N/K
Volatile Org Content %:
Spec Gravity:
1.172
VOC Pounds/Gallon:
PH: 1
VOC Grams/Liter:
Viscosity:
N/P
Evaporation Rate & Reference:
(WATER =1): 0.59
Solubility in Water:
MISCIBLE
Appearance and Odor:
CLEAR, YELLOW LIQUID W/NO ODOR
Percent Volatiles by Volume:
N/K
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
EXCESS MOISTURE, EXTREME TEMPERATURES
Materials To Avoid:
METALS
Hazardous Decomposition Products:
BY FIRE: CHLORIDES, SULFUR OXIDES
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P
Federal Regulatory Information: N/P
State Regulatory Information: N/P

Other Information

Other Information:N/P